

WHAT IS CLAIMED IS:

1. A diversity receiving apparatus comprising a plurality of antennas, a plurality of receiving circuits  
5 connected to the plurality of antennas, respectively, adding means for adding reception signals output from the respective receiving circuits, and phase shifting means for making phases of the reception signals to be input into the adding means equal,  
10 wherein level comparing means for comparing the levels of the reception signals output from the respective receiving circuits is provided, and  
wherein phases of reception signals other than a maximum-level reception signal are controlled so as to  
15 have the same phase as the phase of the maximum-level reception signal, and the phase-controlled signals are input into the adding means.

2. The diversity receiving apparatus according to  
20 Claim 1, further comprising phase controlling means for controlling the amount of phase shift of the phase shifting means,

wherein the phase shifting means is provided in each receiving system from the antenna to the adding means,  
25 and

wherein the phase controlling means is controlled by the level comparing means so as to control only the amount of phase shift of the phase shifting means

corresponding to the reception signals other than the maximum-level reception signal.